PXI Serial Installation Guide

This guide includes instructions for installing your PXI serial hardware and software.

If you are using Windows Me/9x, see page 2.

If you are using Windows NT, see page 6.

If you are using Windows 2000, see page 10.

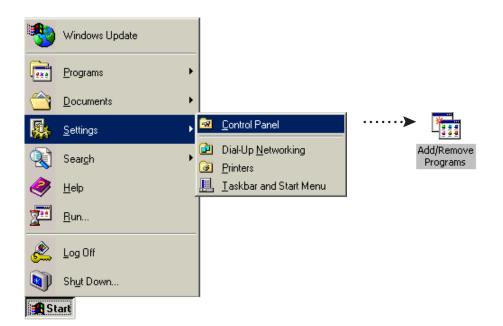
PXI Serial Installation for Windows Me/9*x*

Insert the NI Serial Software CD.



2

If the NI Serial setup starts automatically, follow the onscreen instructions and skip to Step 4. Otherwise, select Start»Settings»Control Panel. In the Control Panel window, double-click on Add/Remove Programs.

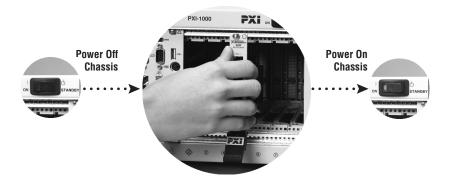


In the Install/Uninstall tab, click on Install. When the Run Installation Program window appears, click on Finish and follow the onscreen instructions.

Add/Remov	e Programs Properties
Install/Unin	stall Windows Setup Startup Disk
2	To install a new program from a floppy disk or CD-ROM drive, click Install.
	Instal
	Run Installation Program
	If this is the correct installation program, click Finish. To start the automatic search again, click Back. To manually search for the installation program, click Browse. Command line for installation program: If SETUPLEXE Browse
	< <u>B</u> ack Finish Cancel

4

Remove the CD. Shut down the computer, install the hardware, and power on the computer.



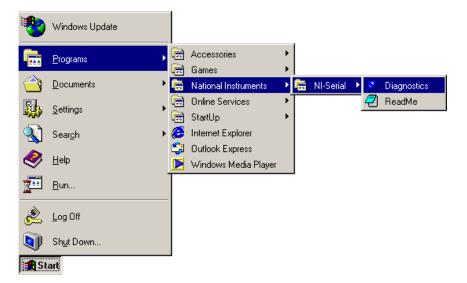
Windows Me/9*x*

When you restart the computer, the Add New Hardware Wizard appears. Complete the wizard by clicking Next in each window and then Finish.

Add New Hardware Wiz	ard
	Windows has found the following new hardware: PXI-8421, RS-485, 2 Ports, Multi-function Parent Windows can automatically search for and install software that supports your hardware. If your hardware came with installation media, insert it now and click Next. What would you like to do? Automatic search for a better driver (Recommended) Specify the location of the driver (Advanced)
	< <u>B</u> ack. Next > Cancel

6

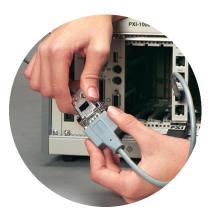
Select Start»Programs»National Instruments»NI Serial»Diagnostics.



The Serial Diagnostics Window appears. Click Start to run the diagnostics.

🚿 Nationa	Instruments -	Serial Diagnostic	\$	×	
Welcome to the National Instruments diagnostics utility for the serial interfaces. Before you begin the test disconnect the cables from all the serial ports and close all applications that access the ports. Then click on the 'Start' button.					
	Port Name	10 Address Tes	t Interrupt Test		
	СОМ5 СОМ6	pass pass	pass pass		
		<u>Start</u>	E <u>x</u> it		

8 Connect the cables.



Refer to your National Instruments serial manual (in PDF format on the CD) for more information about troubleshooting problems, configuring the hardware and software, programming requirements, and more.

PXI Serial Installation for Windows NT

1

Log on as Administrator or as a user with administrative privileges. Insert the NI Serial Software CD.

Enter Network	k Password		? ×
	Enter your netv	vork password for Microsoft Networking.	ОК
			Cancel
	<u>U</u> ser name:	Administrator	
	Password:	******	
	<u>D</u> omain:		



2

If the NI Serial setup starts automatically, follow the onscreen instructions and skip to Step 4. Otherwise, select Start»Settings»Control Panel. In the Control Panel window, double-click on Add/Remove Programs.

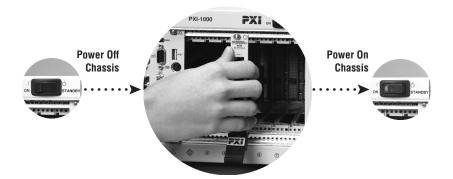
.	<u>S</u> ettings	ontrol Panel	·····> 🎦
	<u>F</u> ind	☑ Printers Ĩ_askbar	Add/Remove Programs
2	<u>H</u> elp		
2	<u>B</u> un		
	Shut Down		
🛃 St	art	-	

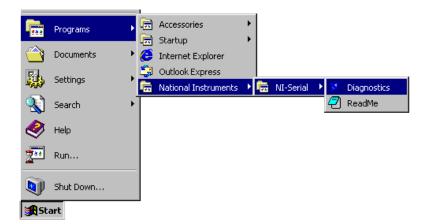
In the Install/Uninstall tab, click on Install. When the Run Installation Program window appears, click on Finish and follow the onscreen instructions.

Add/Remov	ve Programs Properties ? 🗙
Install/Unin	istall Windows Setup Startup Disk
Ð	To install a new program from a floppy disk or CD-ROM drive, click Install.
	Install
	Run Installation Program 🛛 🗙
	If this is the correct installation program, click Finish. To start the automatic search again, click Back. To manually search for the installation program, click Browse. Command line for installation program: DIVSETUPLEXE Browse
	< <u>B</u> ack Finish Cancel

Δ

Remove the CD. Shut down the computer, install the hardware, and power on the computer.





6

The Serial Diagnostics Window appears. Click Start to run the diagnostics.

🚿 National I	instruments -	Serial Diagnostics	;	×		
		ne to the National Inst tics utility for the seria				
	Before you begin the test disconnect the cables from all the serial ports and close all applications that access the ports. Then click on the 'Start' button.					
	Port Name	IO Address Test	Interrupt Test			
	COM2 COM3	pass pass	pass pass			
		<u>Start</u>	E <u>x</u> it			

Connect the cables.



Refer to your National Instruments serial manual (in PDF format on the CD) for more information about troubleshooting problems, configuring the hardware and software, programming requirements, and more.

PXI Serial Installation for Windows 2000

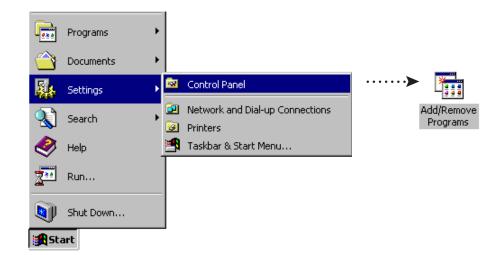
1

Log on as Administrator or as a user with administrative privileges. Insert the NI Serial Software CD.

Log On to Wi		
	Microsoft Windows 2000 Professional	woft
<u>U</u> ser name:	Administrator	
Password:	*****	
	OK Cancel Options >	>

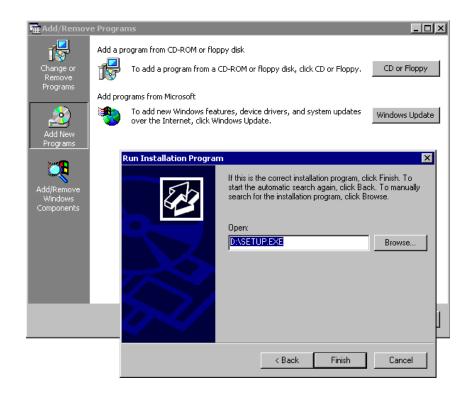
2

If the NI Serial setup starts automatically, follow the onscreen instructions and skip to Step 4. Otherwise, select Start»Settings»Control Panel. In the Control Panel window, double-click on Add/Remove Programs.



3

Click on Add New Programs, CD or Floppy, and Next. When the Run Installation Program window appears, click on Finish and follow the onscreen instructions.



4

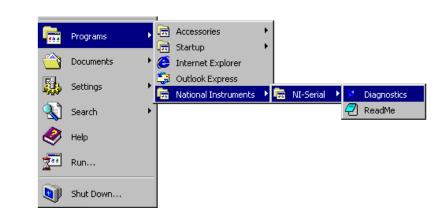
Remove the CD. Shut down the computer, install the hardware, and power on the computer.



When you restart the computer, the Found New Hardware Wizard appears. Complete the wizard by clicking Next in each window and then Finish.

Found New Hardware Wizard
Install Hardware Device Drivers A device driver is a software program that enables a hardware device to work with an operating system.
This wizard will complete the installation for this device:
N.I. PXI-8421, RS-485, 2 Ports, Multi-function Parent
A device driver is a software program that makes a hardware device work. Windows needs driver files for your new device. To locate driver files and complete the installation click Next.
What do you want the wizard to do?
Search for a suitable driver for my device (recommended)
Display a list of the known drivers for this device so that I can choose a specific driver
< <u>B</u> ack <u>N</u> ext > Cancel

6



Select Start»Programs»National Instruments»NI Serial»Diagnostics.

🚮 Start

The Serial Diagnostics Window appears. Click Start to run the diagnostics.

🔀 National I	instruments - Se	rial Diagnostics		×
		to the National Inst s utility for the serial		
	cables fron	i begin the test disc n all the serial ports is that access the p int' button.	and close all	
	Port Name	10 Address Test	Interrupt Test	
	COM2 COM3	pass pass	pass pass	
	<u>S</u> ta	art	E <u>x</u> it	

B Connect the cables.



Refer to your National Instruments serial manual (in PDF format on the CD) for more information about troubleshooting problems, configuring the hardware and software, programming requirements, and more.

Windows 2000



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